

**Case 3231****STAPHYLINIDAE Latreille, 1804 (Insecta, Coleoptera): proposed conservation of 17 specific names**

Lee H. Herman

*American Museum of Natural History, Central Park West at 79th Street, New York, N.Y. 10024-5192, U.S.A. (e-mail: herman@amnh.org)*

**Abstract.** The purpose of this application is the conservation of 17 specific names that have been in use for many years for rove beetles (family STAPHYLINIDAE). These names are threatened by the limited use of senior (or, in three cases, junior) synonyms. Use of the senior (or, in three cases, junior) names would cause confusion and the matter is submitted to the Commission under Article 23.9.3 of the Code. In the three cases where conservation of the senior synonym (and in one case where conservation of the junior synonym) is necessary, the names being proposed for conservation were junior primary homonyms when published. These names were replaced to prevent homonymy, but the replacement names have not been used widely. The species represented by the homonyms are now placed in different genera and have not been considered congeneric since 1899. This matter is submitted to the Commission in accord with Article 23.9.5 of the Code.

**Keywords.** Nomenclature; taxonomy; Coleoptera; STAPHYLINIDAE; rove beetles.

---

1. This paper submits, in accord with Article 23.9.3 of the Code, 14 examples of synonymy in the rove beetles (family STAPHYLINIDAE) for action under the Commission's plenary power to conserve the existing usage of the junior synonym. This would allow the greatest stability in the naming of these staphylinid taxa. In a further three cases, the Commission is asked to consider conservation of the senior synonym. Conservation of the senior name is necessary here because the names being proposed for conservation were junior primary homonyms when published and as such have been replaced. However, the replacement names have not been used widely.

2. The senior and junior synonyms are presented in the form of a table (Table 1). Reference should be made to Herman (2001) for further bibliographic and nomenclatural detail, and evidence of usage, as summarised in Table 1, has been given to the Commission Secretariat. The case is presented to the Commission in accordance with Article 23.9.3 because, even though the names being proposed for conservation are the ones in prevailing usage, they do not meet the conditions of both 23.9.1.1 and 23.9.1.2. As a result, the junior names cannot automatically be protected without a ruling from the Commission.

3. The three senior names, and one of the junior names, that are proposed for conservation were junior primary homonyms when published. The junior and senior homonyms are presented in Table 2, with reasons why their conservation is proposed. The species represented by the homonyms are now placed in different genera and have not been considered congeneric since 1899.

4. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary power to rule that the specific names in column 2 of Table 1, as originally published in binomina with the generic names indicated in column 2, should be given precedence over the specific names in column 4, whenever they are considered to be synonyms;
- (2) to place on the Official List of Specific Names in Zoology the following names:
  - (a) the specific names in column 2 of Table 1, as originally published in binomina with the generic names indicated in column 2 of Table 1, with the endorsement, as ruled in (1) above, that they are to be given precedence or priority over the names in column 4 of Table 1, as originally published in binomina with the generic names indicated in column 4 of Table 1, whenever they are considered to be synonyms;
  - (b) the valid specific names in column 4 of Table 1, as originally published in binomina with the generic names indicated in column 4 of Table 1, with the endorsement that they are not to be given priority or precedence over the names in column 2 of Table 1, whenever they are considered to be synonyms;
- (3) to use its plenary power to rule that the specific names in column 2 of Table 2, as originally published in binomina with the generic names in column 5 of Table 2, are not invalid by reason of being junior primary homonyms of the specific names in column 4 of Table 2;
- (4) to place on the Official List of Specific Names in Zoology the specific names in column 4 of Table 2, as originally published in binomina with the generic names in column 5 of Table 2, except where already listed in (2)(b) above;
- (5) to endorse the specific names in column 2 of Table 2, as originally published in binomina with the generic names in column 5 of Table 2 and placed on the Official List of Specific Names in Zoology in (2)(a) above, that they are not invalid by reason of being junior primary homonyms of the names in column 4 of Table 2 as ruled in (3) above.

#### Acknowledgements

I thank the following individuals who reviewed earlier drafts of this paper and suggested improvements: V. Assing (Hannover, Germany), A. Bordoni (Musco Zoologico 'La Specola', Firenze, Italy), G. Cuccodoro (Muséum d'Histoire Naturelle, Genève, Switzerland), V. Gusarov (University of Kansas, Lawrence, Kansas), I. Kerzhner (Zoological Institute, Academy of Sciences, St. Petersburg, Russia), A. Newton (Field Museum of Natural History, Chicago, Illinois), V. Puthz (Schlitz, Germany), M. Schülke (Berlin, Germany), A. Smetana (Agriculture and Agri-Food Canada, Ontario, Canada), M. Thayer (Field Museum of Natural History, Chicago, Illinois), A. Zanetti (Museo Civico di Storia Naturale, Verona, Italy) and L. Zerche (Deutsches Entomologisches Institut, Eberswalde, Germany).

#### References

- Ádám, L. 1995. A Janus Pannonius Múzeum holyvagújteménye, I. (Coleoptera: Staphylinidae). *A Janus Pannonius Múzeum Évkönyve*, 40(1994): 39-48.

- Ádám, L.** 1996a. Staphylinidae (Coleoptera) of the Bükk National Park. Pp. 231–258 in Mahunka, S. (Ed.), *The fauna of the Bükk National Park*. Hungarian Natural History Museum, Budapest.
- Ádám, L.** 1996b. The species of Staphylinidae from Őrség (Coleoptera). *Saravia* (pars historico-naturalis), **23**: 43–67.
- Baudi, F.** 1870. Coleopterorum messis in insula Cypro et Asia minore ab Eugenio Truqui congregatae recensio de Europaeis notis quibusdam additis. *Berliner Entomologische Zeitschrift*, **13**(1869): 369–418.
- Block, F.L.H. von.** 1799. Verzeichniss der merkwürdigsten Insecten im Plauischen Grunde. Pp. 95–120 in Becker, W.G., *Der Plauische Grund bei Dresden, mit Hinsicht auf Naturgeschichte und schöne Gartenkunst*, vol. 2. xii, 368 pp. Frauenholz, Nürnberg.
- De Geer, C.** 1774. *Mémoires pour servir à l'histoire des insectes*, vol. 4. xii, 457 pp. Hesselberg, Stockholm.
- Erichson, W.F.** 1839. *Die Käfer der Mark Brandenburg*, vol. 1, part 2. Pp. 385–740. Morin, Berlin.
- Erichson, W.F.** 1840. *Genera et species Staphylinorum insectorum coleopterorum familiae*, vol. 1. Pp. 401–954. Morin, Berolino.
- Fabricius, J.C.** 1775. *Systema Entomologiae* . . . 863 pp. Kortii, Flensburgi & Lipsiae.
- Fabricius, J.C.** 1779. *Reise nach Norwegen mit Bemerkungen aus der Naturhistorie und Oekonomie*. lxiv, 400 pp. Bohn, Hamburg.
- Fabricius, J.C.** 1787. *Mantissa insectorum* . . . , vol. 1. 348 pp. Christ, Gottl. Proft., Hafniae.
- Fabricius, J.C.** 1793. *Entomologiae Systematicae* . . . , vol. 1, part 2. 538 pp. Christ, Gottl. Proft., Hafniae.
- Fauvel, A.** 1865. Énumération des insectes recueillis en Savoie et en Dauphine (1861–1863) et descriptions d'espèces nouvelles. *Bulletin de la Société Linnéenne de Normandie*, **9**: 253–321.
- Fauvel, A.** 1871. Faune Gallo-Rhénane ou descriptions des insectes qui habitent la France, la Belgique, la Hollande, le Luxembourg, les provinces Rhénanes et la Valais avec tableaux synoptiques et planches gravées. *Bulletin de la Société Linnéenne de Normandie*, (2)**5**(1869–70): 27–192.
- Flori, A.** 1900. Nuove specie di coleotteri. *Atti della Società dei Naturalisti e Matematici di Modena*, (4)**1**: 101–112.
- Geoffroy E.L.** 1785. [New species]. In Foureroy, A. *Entomologia Parisiensis*, vol. 1. viii, 231 pp. Aedibus Serpentineis, Parisiis.
- Gravenhorst, J.L.C.** 1802. *Coleoptera Microptera Brunsvicensia* . . . lxvi, 206 pp. Reichard, Brunsvigae.
- Gravenhorst, J.L.C.** 1806. *Monographia Coleopterorum Micropteriorum*. 248 pp. Dieterich, Gottingae.
- Gyllenhal, L.** 1810. *Insecta Suecica descripta*, vol. 1, part 2. xx, 660 pp. Leverentz, Scaris.
- Herman, L.H.** 2001. Catalog of the Staphylinidae (Insecta: Coleoptera). 1758 to the end of the second millennium. *Bulletin of the American Museum of Natural History*, **265**: 1–4218.
- Heer, O.** 1839. *Fauna coleopterorum Helvetica*, vol. 1, part 3. Pp. 145–360. Orellii, Fuesslini et Sociorum, Turici.
- Linnaeus, C.** 1758. *Systema Naturae*, Ed. 10, vol. 1. 824 pp. Salvii, Holmiae.
- Mannerheim, C.G. von.** 1830. *Précis d'un nouvel arrangement de la famille des brachélytres de l'ordre des insectes coléoptères*. 87 pp. St. Petersburg.
- Mannerheim, C.G. von.** 1843. Beitrag zur Kaefer-Fauna der Aleutischen Inseln, der Insel Sitkha und Neu-Californiens. *Bulletin de la Société Impériale des Naturalistes de Moscou*, **16**(2): 175–314.
- Marsham, T.** 1802. *Coleoptera Britannica* . . . , vol. 1. xxxi, 548 pp. White, Londini.
- Motschulsky, V.** 1857, 1860. Énumération des nouvelles espèces de coléoptères rapportées de ses voyages. *Bulletin de la Société Impériale des Naturalistes de Moscou*. (1857) **30**(2): 490–517; (1860) **33**(2): 539–588.
- Müller, O.F.** 1764. *Fauna Insectorum Fridrichsdalina, sive methodica descriptio insectorum agri Fridrichsdalensis* . . . xxiv, 96 pp. Gleditschii, Hafniae & Lipsiae.

- Müller, O.F.** 1776. *Zoologiae Danicae prodromus, seu animalium Daniae et Norvegiae indigenarum characteres* . . . 314 pp. Hallageriis, Havniae.
- Nordmann, A. von.** 1837. *Symbolae ad monographiam staphylinorum*. 167 pp. Academiae Caesareae Scientiarum, Petropoli.
- Olivier, A.G.** 1795. *Entomologie ou Histoire Naturelle des Insectes* . . . Coléoptères. 3, genera no. 35–65. 557 pp. Lanneau, Paris.
- Panzer, G.W.F.** 1795. *Entomologia germanica* . . . I. Eleuterata. 392 pp. Felsecker, Normibergae.
- Paykull, G. de.** 1789. *Monographia Staphylinorum Sueciae*. 89 pp. Edman, Upsaliae.
- Paykull, G. de.** 1792. *Monographia Curculionum Sueciae*. 159 pp. Edman, Upsaliae.
- Paykull, G. de.** 1800. *Fauna Suecica. Insecta*, vol. 3. 459 pp. Edman, Upsaliae.
- Peyron, E.** 1858. Catalogue des Coléoptères des environs de Tarsous (Caramanie), avec la description des espèces nouvelles. *Annales de la Société Entomologique de France*, (3)6: 353–434.
- Runde, G.H.** 1835. *Brachelytrorum species Agri Halensis*. 38 pp. Ploetziannis, Halae.
- Say, T.** 1830. *Descriptions of new species of North American insects, and observations on some already described*. 41 pp. Say, Indiana.
- Stephens, J.F.** 1832, 1833, 1834. *Illustrations of British entomology* . . . Mandibulata, vol. 5. Pp. 1–240 (1832); pp. 241–304 (1833); pp. 305–368 (1834). Baldwin & Cradock, London.
- Ström, H.** 1768. Beskrivelse over Norske Insecter. *Det Kongelige Norske Videnskabers Selskabs Skrifter*, 4: 313–371.
- Tottenham, C.E.** Some notes on the nomenclature of the Staphylinidae (Coleoptera). *Proceedings of the Royal Entomological Society of London*, (B)8: 224–237.
- Waltl, J.** 1838. Beiträge zur nähern naturhistorischen Kenntnis des Unterdonaukreises in Bayern. Pp. 250–273 in Oken, L., *Isis, encyclopädische Zeitschrift, vorzüglich für Naturgeschichte, vergleichende Anatomie und Physiologie*. Brockhaus, Leipzig.

Acknowledgement of receipt of this application was published in BZN 59: 69.

---

Comments on this case are invited for publication (subject to editing) in the *Bulletin*; they should be sent to the Executive Secretary, I.C.Z.N., c/o The Natural History Museum, Cromwell Road, London SW7 5BD, U.K. (e-mail: iczn@nhm.ac.uk).